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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US99/24088

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : G 06 F 9/00, 12/14; H 04 B 1/69; H 04 L 9/32
US CL : 713/182, 200

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 713/182, 200; 380/241.

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Extra Sheet.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,802,217 A (MICHENER) 31 January 1989, Abstract, Fig. 1, col. 8 lines 27-51	1-16
Y	US 5,506,961 A (CARLSON et al.) 09 April 1996, Abstract, Fig. 3, col. 5 lines 28-76, col. 6 lines 1-67	1-16
Y	US 5,596,718 A (BOEBERT et al.) 21 January 1997, Abstract, Fig. 2, col. 3 lines 22-43, col. 4 lines 36-67, col. 5 lines 1-11	1-16
Y, P	US 5,864,683 A (BOEBERT et al.) 26 January 1999, Abstract, Fig. 12, cols. 29-30 lines 1-67	1-16
Y, P	US 5,872,847 A (BOYLE et al.) 16 February 1999, Abstract, Fig. 1, col. 5 lines 29-62	1-16



Further documents are listed in the continuation of Box C.



See patent family annex.

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* P* document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

17 DECEMBER 1999

Date of mailing of the international search report

03 FEB 2000

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PCT/US99/24088

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, P	US 5,887,131 A (ANGELO) 23 March 1999, Abstract, Fig. 1, col. 4 lines 1-45	1-16
Y, P	US 5,949,882 A (ANGELO) 07 September 1999, Abstract, Fig. 1, col. 4 line 39-67, cols. 5-7 lines 1-67	1-16

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B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

WEST, STN, IBM

Search terms: external client, server, internet, password, secure key, access, IP addresses, supervisor right, trust, unauthorized.